

# User/Installation Manual



## PROXIMITY 2000 MODEL 23-013



Your "PARTNER" in Access Control

[www.americanaccess.com](http://www.americanaccess.com)

## AAS 2Year Limited Warranty

### What item(s) this warranty applies to:

American Access Systems "Prox 2000 (23-XXX series)" access controls.

### What is covered:

Any defect in materials or workmanship.

### For how long:

Two years from date of purchase.

### What we will do:

If your AAS product is defective and returned within 2 years of the date of purchase, we will repair it or, at our option, replace it at no charge to you. If we repair your AAS product, we may use new or reconditioned parts. If we choose to replace your AAS product, we may replace it with a new or reconditioned one of the same or similar design. The repair or replacement will be warranted for (a) 90 days or (b) the remainder of the original two year warranty period, whichever is longer.

### Limitations:

Implied warranties, including those of fitness for a particular purpose and merchant ability (an unwritten warranty that the product is fit for ordinary use), are limited to one year from date of purchase. We will not pay for loss of time, inconvenience, loss of use of your AAS product, service calls, or property damage caused by your AAS product or its failure to work, or any other incidental or consequential damages. Some states do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damages, so the above exclusions or limitations may not apply to you.

### What we ask you to do:

To get warranty service for your AAS product, you must provide proof of the date of purchase. Contact the original dealer or installer of the product and return your AAS product along with the receipt to them. If you have problems locating the dealer or installer contact American Access Systems at (303) 7999757 and we will direct you to an authorized dealer or distributor of American Access Systems products. If you ship your AAS product, you must prepay all shipping costs. We suggest that you retain your original packing material in the event you need to ship your AAS product. On return, include your name, address, phone number, proof of date of purchase, and a brief description of the operating problem.

### What this warranty does not cover:

This warranty does not cover defects resulting from accidents, damage while in transit, alterations, unauthorized repair, failure to follow instructions, misuse, fire, flood, lighting, or acts of God. Nor do we warrant your AAS product to be compatible with any particular external device or peripheral. If your warranty has expired on your AAS product or if your product is NOT covered contact your dealer or installer for advice on whether we will repair your AAS product and other repair information, including estimated repair costs and other charges. We, at our option, may replace rather than repair your AAS product with a new or similar design if the damage to the unit is severe or extensive.

This warranty is the only one we give on this product, and it sets forth all our responsibilities regarding your AAS product. There are no other express warranties.

### State Law rights:

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.



SECURITY BRANDS INC

**1675 West Yale Ave.  
Englewood, CO 80110  
phone: 303-799-9757  
fax: 303-799-9756  
sales@securitybrandsinc.com  
www.securitybrandsinc.com**

**Serial # \_\_\_\_\_**



# PARTS CHECKLIST

Enclosed with this box you should have the following items.

| Qty | Description               |
|-----|---------------------------|
| 1   | Post Mount reader Station |
| 1   | Hardware Package          |

If any of the above items are missing from this box, contact American Access Systems

## Tools Needed For Basic Installation

- Wire nuts or appropriate connectors
- Wire strippers
- Wire cutters
- 3/8" drive ratchet with 6" extension and 7/16" socket (Post mount units only)
- Digital or Analog multi-meter



**TECHNICAL/CUSTOMER SUPPORT**  
**1-303-799-9757 OR**  
**TECHSUPPORT@SECURITYBRANDSINC.COM**

## BEFORE PROCEEDING

To take full advantage of the 24 month limited warranty, you must be registered with American Access Systems. Please read the enclosed warranty statement, (pg 2), fill out the warranty registration card provided and send it to:



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## STEP 1-MOUNTING THE UNIT

### **Mounting the unit to your own pedestal**

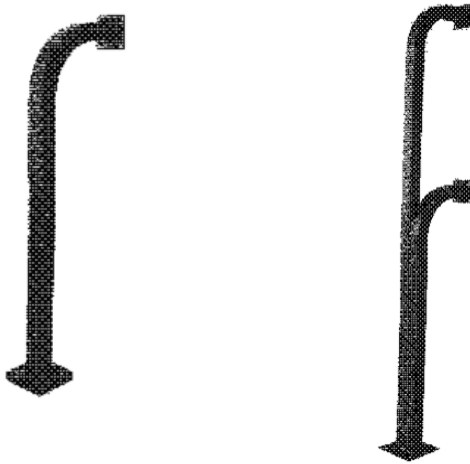
Your slave units come with a square mounting flange found in the bottom of the box along with four carriage bolts and four hex nuts. The square mounting flange may be welded to your pedestal and the flange bolt pattern will align with the back of the unit. Place the unit up to the flange and insert the carriage bolts from the back side. Secure the unit to the flange by tightening down the hex nuts with a 7/16" socket.

### **Mounting the unit to an AAS gooseneck (18001) or double height (18003) pedestal**

Locate the four carriage bolts and four hex nuts found inside the unit box. Place the unit up to the pedestal flange and insert the four carriage bolts from the backside. Secure the unit to the pedestal using the four hex nuts and a 7/16" socket. The extra square mounting flange may be discarded.

### **Mounting the unit to an AAS diagonal pedestal (18002)**

Locate the four carriage bolts and four hex nuts found inside the unit box. Place the unit up to the pedestal flange and insert the four carriage bolts from the backside. Secure the unit to the pedestal using the four hex nuts and a 7/16" socket. The extra square mounting flange may be discarded.



## WIRING INSTRUCTIONS

The 23-013 Prox Point is a standard 26-bit Weigand card reader. Use the table below to install to your 26-bit Weigand controller port.

| Weigan    | Clock Data   | Wire Color |
|-----------|--------------|------------|
| +DC       | +DC          | Red        |
| Ground    | Ground       | Black      |
| LED Input | Green LED    | Orange     |
| Data 0    | Data         | Green      |
| Data 1    | Strobe/Clock | White      |
| LED Input | Red LED      | Drain      |

## SPECIFICATIONS

| Power Supply                        | Controller Port       |
|-------------------------------------|-----------------------|
| Operating Voltage Range (DC)        | 4.75 VDC to 16.0 VDC  |
| Absolute Maximum Voltage (+DC)      | 18.0 VDC              |
| Peak Current 5V Or 12V (maximum )   | 60ma                  |
| Average Current 5V or 12V (maximum) | 35ma                  |
| Maximum cable distance to host      | 500 feet (152 meters) |

# CUSTOMER SERVICE AND TECH SUPPORT

## Customer Service: 303-799-9757

Customer service is available free of charge. Hours are 8:00 a.m. to 4:30 p.m. MST. If you call, please have your Model and Serial Number to help our Technicians assist you.

E-Mail: [customerservice@securitybrandsinc.com](mailto:customerservice@securitybrandsinc.com)

## Technical Support: 303-799-9757

Technical support is available free of charge. Hours are 8:00 a.m. to 4:30 p.m. MST. If you call, please have your Model and Serial Number to help our Technicians assist you.

E-Mail: [techsupport@securitybrandsinc.com](mailto:techsupport@securitybrandsinc.com)



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## NOTES

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**YOUR "PARTNER" IN  
ACCESS CONTROL  
[WWW.SECURITYBRANDSINC.COM](http://WWW.SECURITYBRANDSINC.COM)**



**SECURITY BRANDS INC**